

FIG. 1A

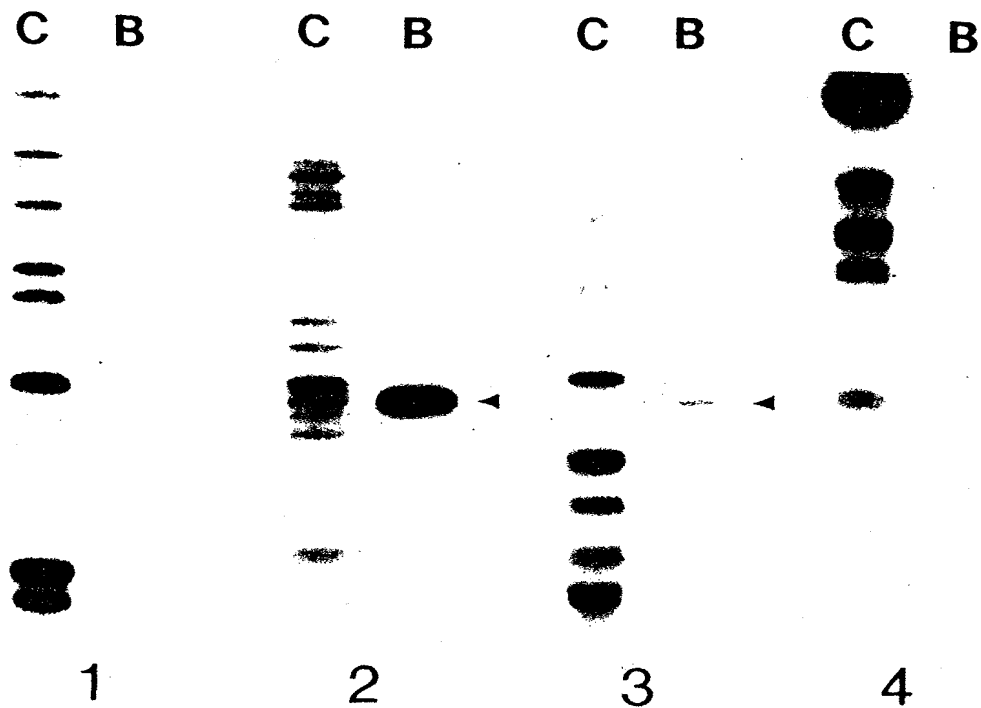


FIG. 1B

Host cell:	HeLa			BSC40		
p53:	-	+	+	-	+	+
p53 Ab:	+	+	-	+	+	-

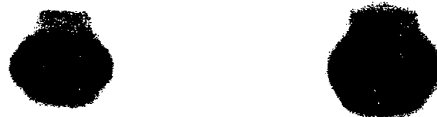


FIG. 2A

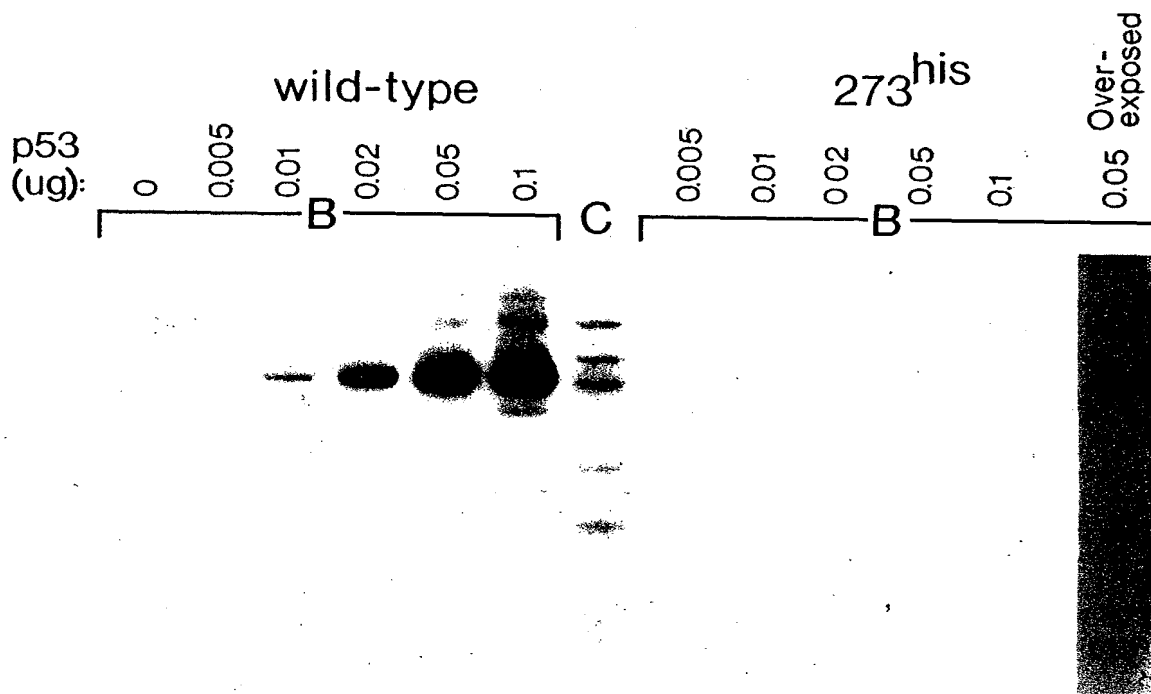


FIG. 2B

Protein					
source:	Vac	Vac		Vac	Bac
p53:	-	wt		175 ^{his}	wt
	B	B	C	B	B



[illegible]

100 110 120 130 140 150 160 170 180
100 110 120 130 140 150 160 170 180
100 110 120 130 140 150 160 170 180

FIG. 3B

← VECTOR
1 10 20 30 40 50 60 70 80 90
AAGCTTGATAATCATGGAGGTGAGTTTTCCAGTGTCTCATGATAGTGACTAAGTCTCCCATGATCTGATGGTTTTATAAAGGGCA
TTCGAACTATTAGTACCTCCACTCAAAAGGTACCGACAAAGTACTAGCACTGATTGAGAGGTACTAGACTACCAAAATATTTCCCGT
100 110 120 130 140 150 160 170 180
GTCCCTTCTACACATGCTCTCTTGCTTGCTACCATGTAAAGACATGCCTGTGCTCCTCTTTTGCCCTTCTGCCCATGATTGTGAGACCTTCCCCA
CAGGAAGATGTGTACGAGAGAACGACGATGGTACATTCTGTACGGACACGAGGAGAAACGGAAGACGGTACTAACACTCTGGAAGGGGT
190 200 210 220 230
→ VECTOR
GCCATGTGGAACGTGTGAGTATCGAATTCCTGCAGCCCCGGGGGATCCACTAGTTCTAGA
CGGTACACCTTGACACTCATAGCTTAAGGACGTCGGGGCCCCCTAGGTGATCAAGATCT

FIG. 4A

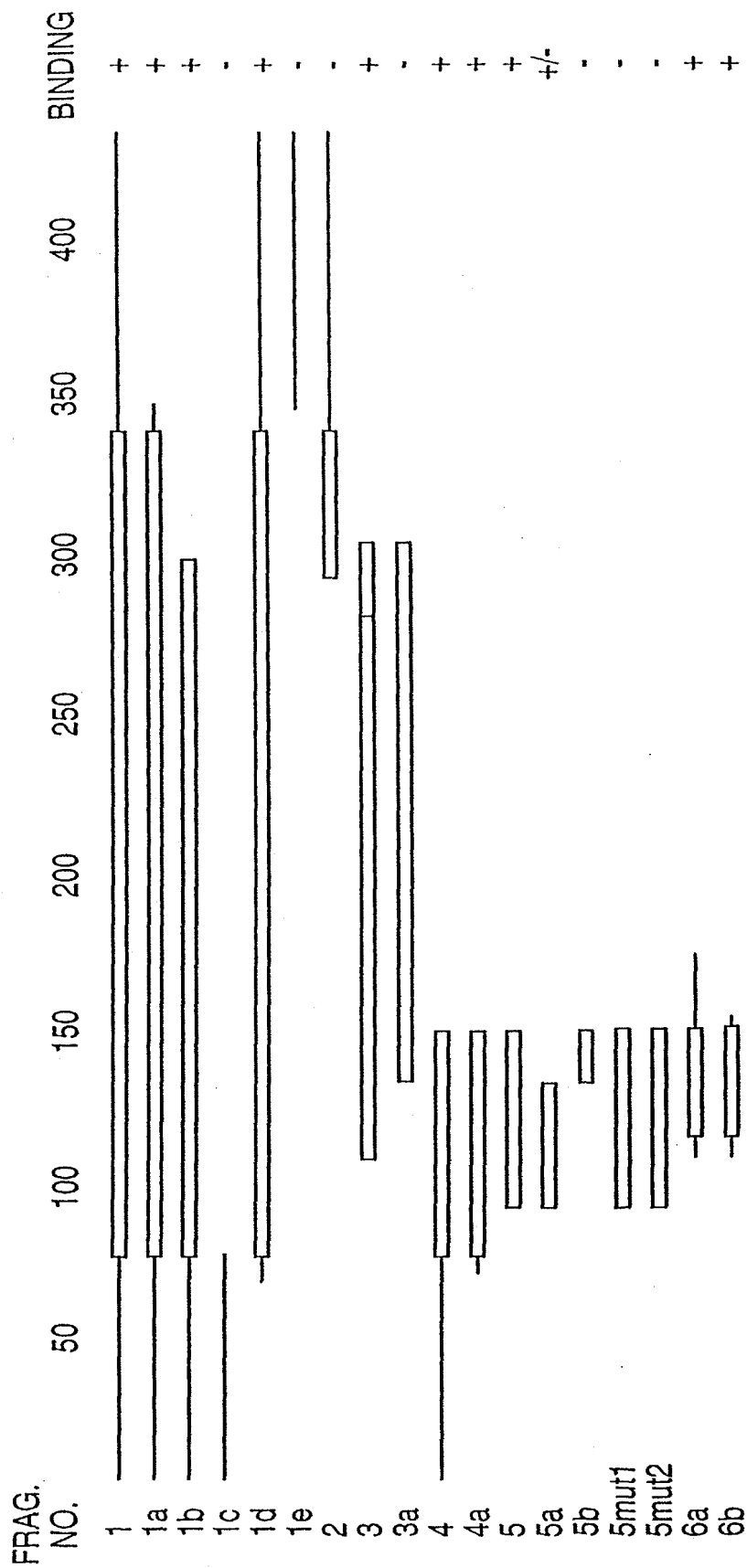


FIG. 4B

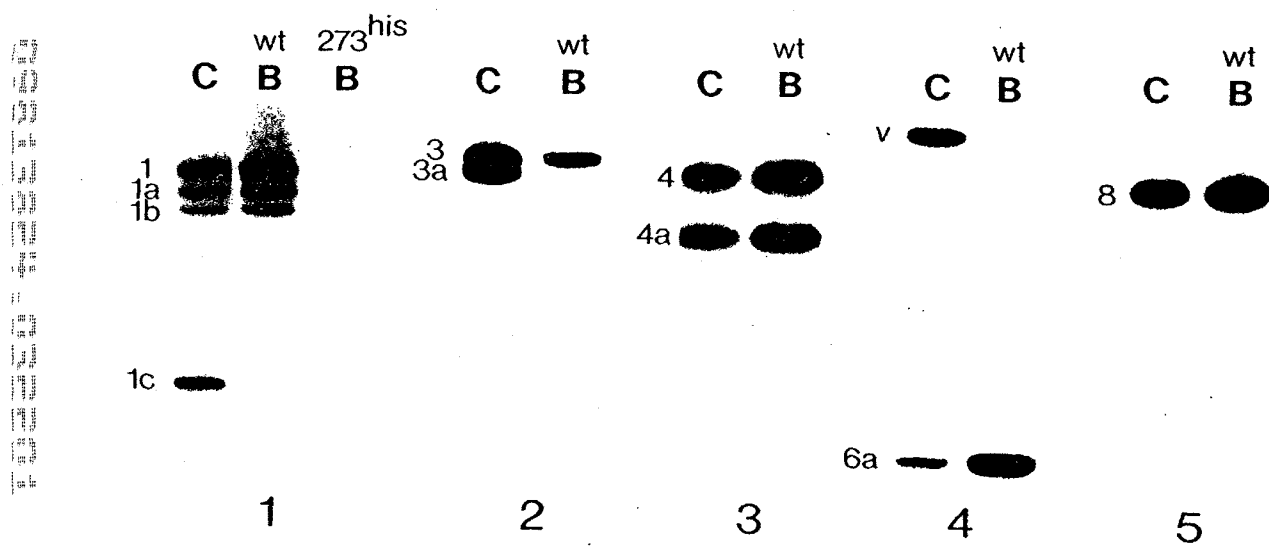


FIG. 5A

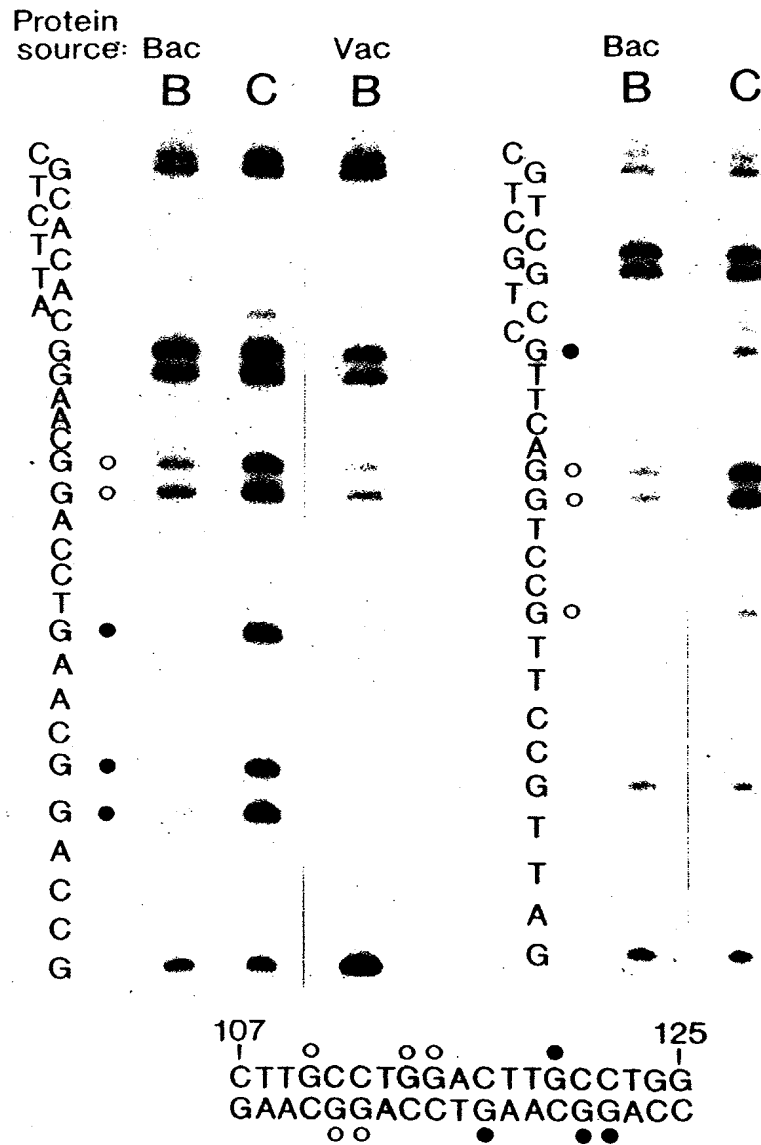


FIG. 5B

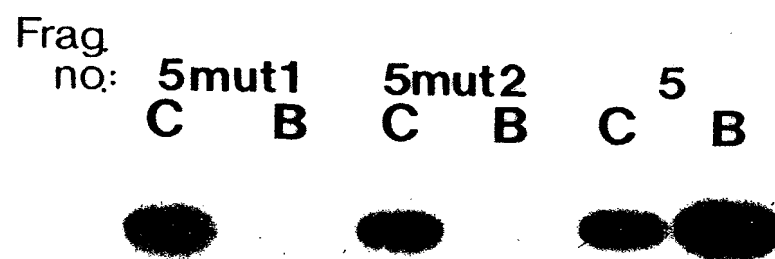


FIG. 6

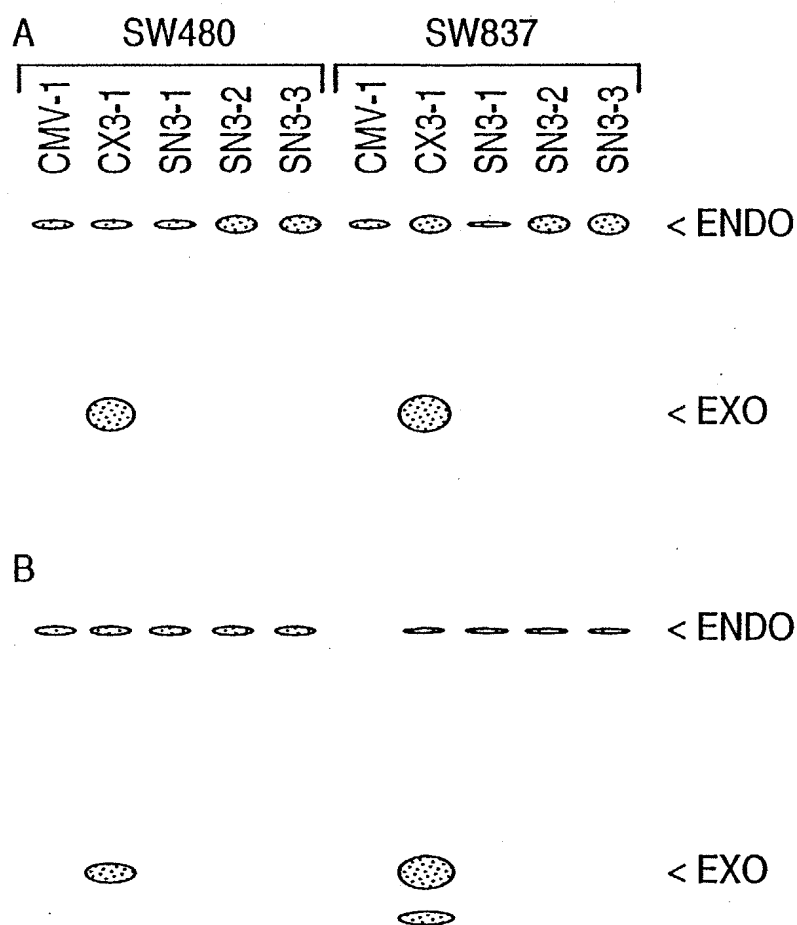


FIG. 7A

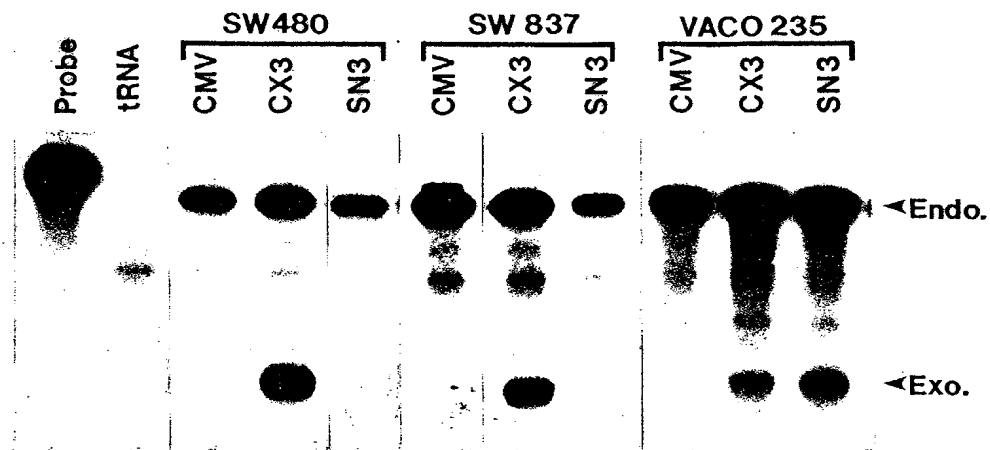


FIG. 7B



FIG. 8A

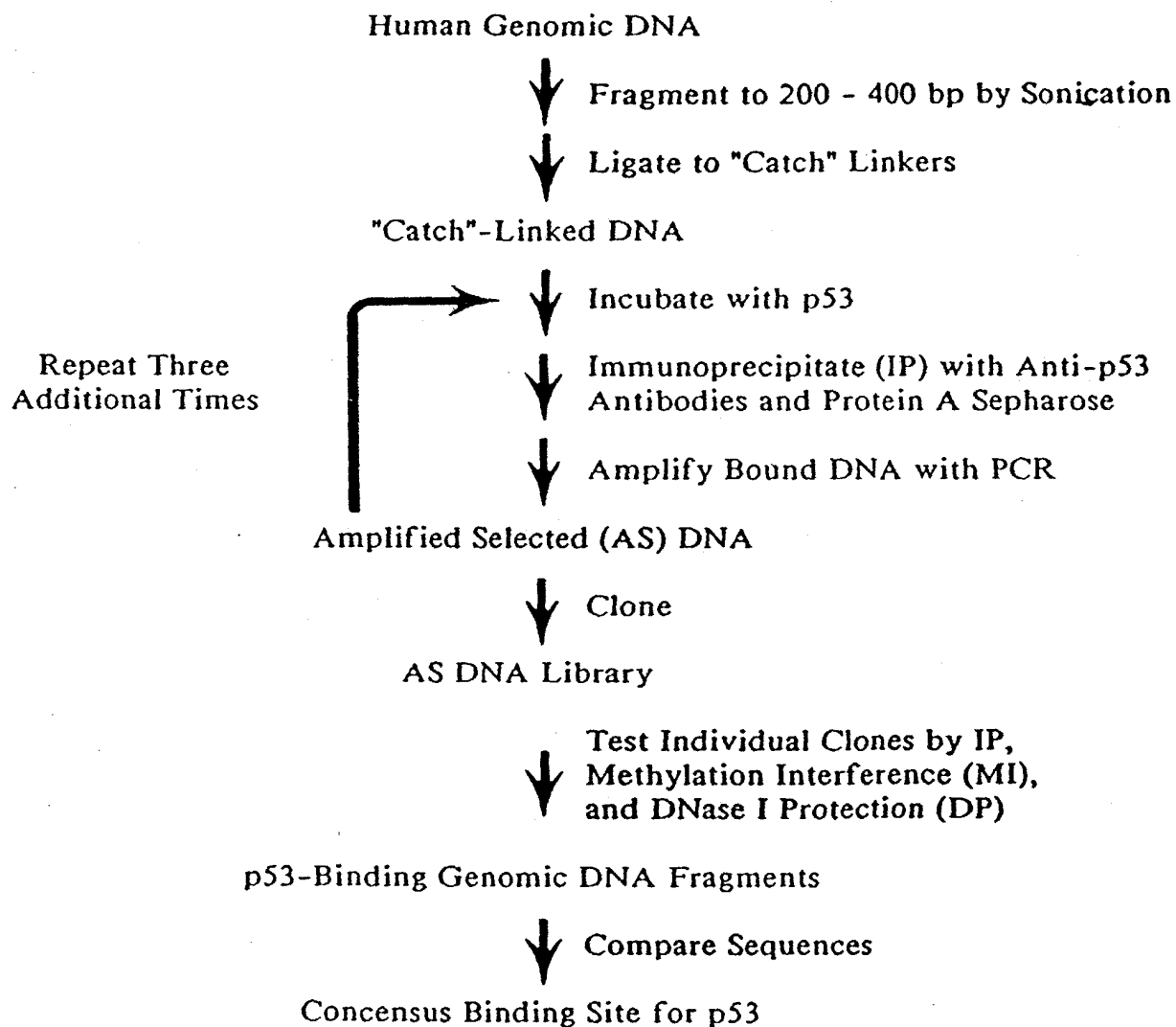
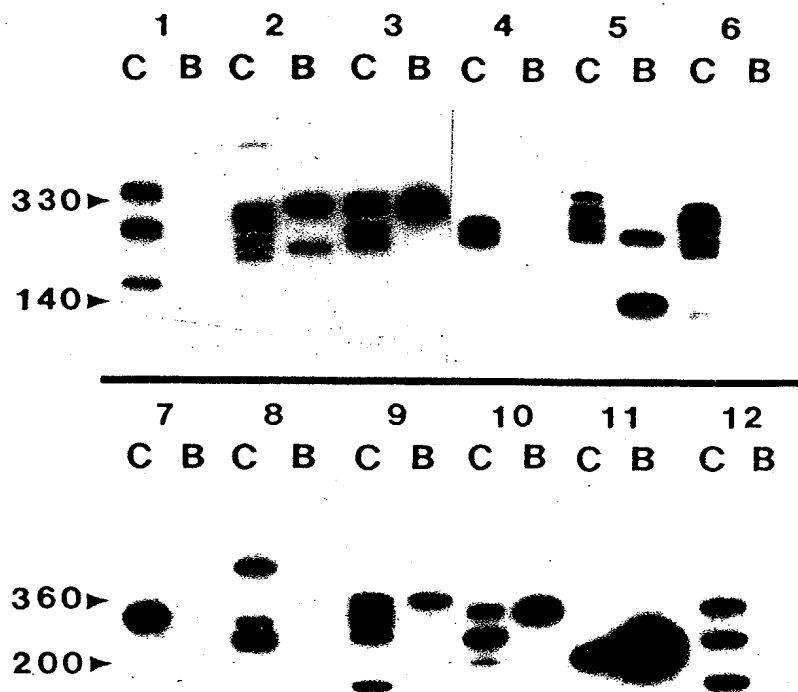


FIG. 8B



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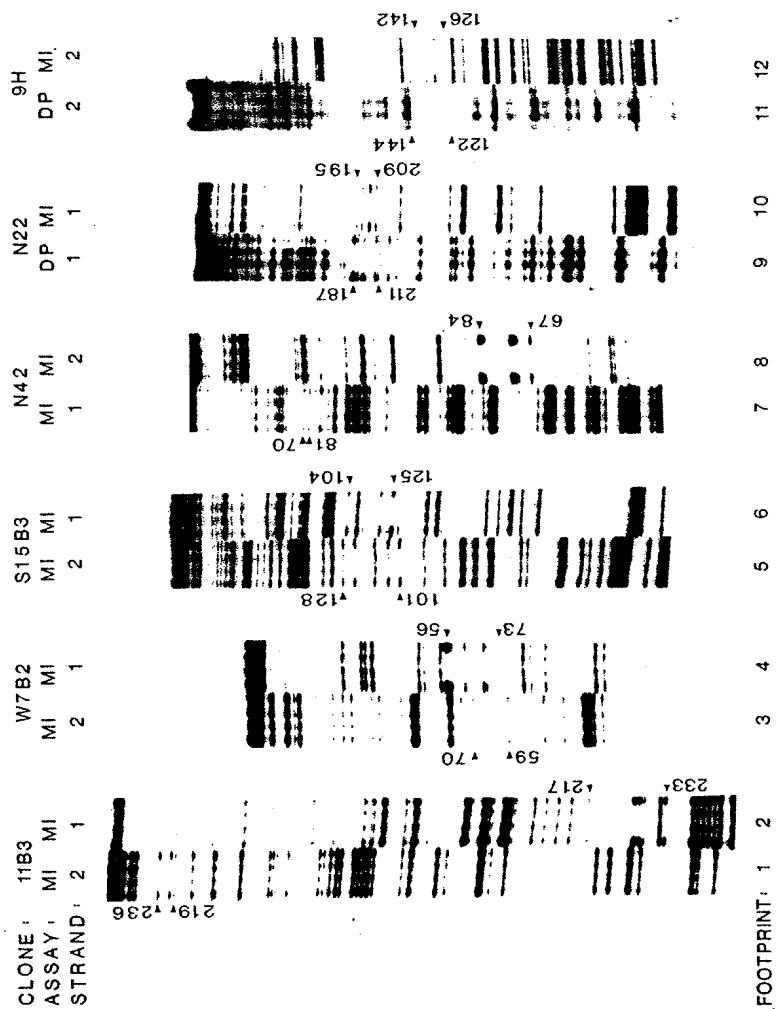


FIG. 10A

Clone	Size (bp)	5'-bp	nnnnnnnnnnnnnnnn	R R R C W W G Y Y	nnnnnnnnnnnnnnnn
1. S57	295	144	cgacctgtcacaccg	G G G C C T G T C a	
2. N22	357	178	attttcaccatgctt	c t G C A T G T C T	
3. 11A2	387	317	cccatactccactg	A A A C AaT G C C C	
4. W211	249	119	tttgctctaccatcc	A G G C A T G C C T	
5. W782	139	41	tatctgtgcagctgt	G G G C A T G T T t	
6. 3H	126	50	aactagatcccttttc	A G A C A T G T T a	
7. 8A	483	445	gctggtgcacaagag	t G A C A T G T C C	
8. 532	335	229	catcatgccacctgc	A G G C A T G T T C	tgat
9. 64A2	349	120	caaaccagggtgtct	t G A C T T G C C T	atcctgggaggt
10. W7A1	264	124	gccaaacataaaccac	C A G C T T G C C a	
11. S61	202	1	c	C A A C T T G T C T	attctgtgttgat
12. 11B3	248	201	actgttgatgatgaa	A G A C A A G C C T	a
13. N42	248	49	gcagtgtggtggagg	A A A C A A G C C C	a
14. S201	326	164	tggtcatacctgtcc	A C A C T T G T C T	
15. S15B3	248	83	ctttaattcagttgt	A A A C A T GaC T T	gttcattata
16. S592I	254	39	ctcagttctcagctg	G G A C T T G C C C	
17. S592II	254	130	tgccctcagcaccttc	A G G t TcT G C C	
18. 2Nb	470	42	gcctttgttgtgccc	t G A C T T G C C C	
19. 9H	467	108	gtattctcttttctt	A A G C A T G C C T	
20. CBE10d	425	89	tgaagcaggtagat	t G C C T T G C C T	

Combined Nucleotide Usage (%) within the Two Monomers of the Consensus Binding Site:

FIG. 10A	FIG. 10B
FIG. 10C	FIG. 10D

3'-bp	RRRCWWGYY	nnnnnnnnnnnn	3'-bp
194	CAGCA	TGAC	acctgtcacaccggg
227	AGGCA	AGTC	cccttccactggcc
367	AGACT	TGTC	ctcggcctgaatga
164	AGACT	TGTC	cactcgttatttcc
91	AGGCA	AGCT	ccgtgtcctagttccc
99	tAACA	AGTC	gtacaagtttatttt
483	CAGAC	TGTC	tgtc
282	GGGCT	TGTC	tgctgcttgttgttt
181	tGACA	TGTC	ctccccctccccctc
173	AGGCA	TGCA	taccacgctcagccc
49	GGACA	TGTC	ccgtttttggctatt
248	GGGCA	TGCC	tggggggtg9999
99	GGATG	TGCC	agggcaggctgggac
214	ATACC	TGCC	acacctgtcttgttt
143	tGACA	TGTC	aattacaattcgatt
88	tGGCC	AGCC	tggggtcacgtctgc
179	GGGCT	TGTC	ctttccctttcagcat
91	AGACA	TGTC	gggaatgtcttgtgc
157	tGAC	TGTC	tttcatctcctctga
138	GGAC	TGCC	ggccttgcccttttct

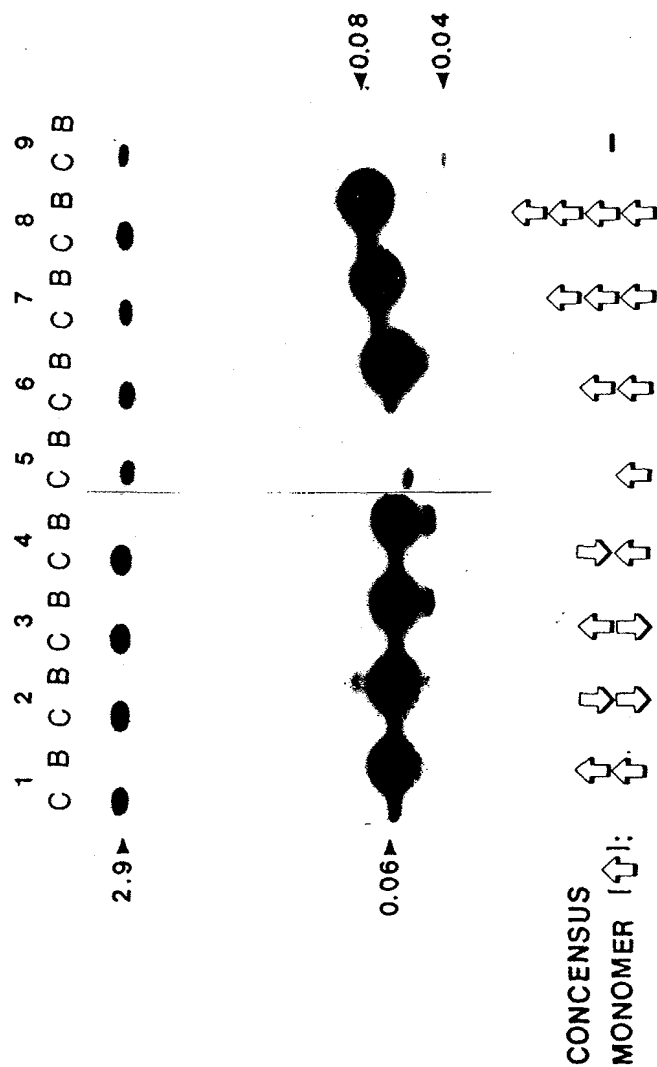
11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

FIG. 10D

G	Y	Y	Y	-3'
0	0	0	12	A
0	<u>50</u>	<u>68</u>	<u>35</u>	C
<u>100</u>	0	0	3	G
0	<u>50</u>	<u>30</u>	<u>48</u>	T

A G G a A T t C C T
 A G G C A T G C C T
 A G G C A A G g C a
 A G G C A T G T C T
 A G A C A T G C C T
 A G G C A T G T C T
 atcaagcttatcgat
 atcaagcttatcgat
 atcaagcttatcgat
 atcaagcttatcgat
 atcaagcttatcgat

FIG. IIA



Year	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	

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100

1 2 3 4 5 6 7

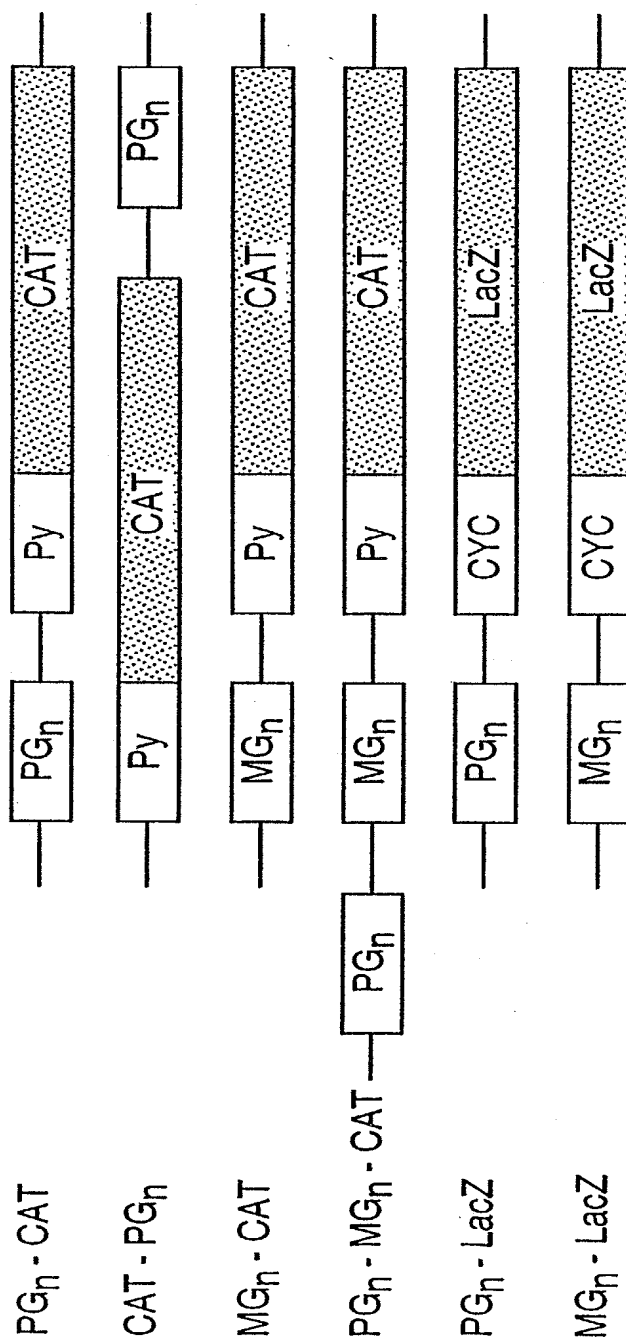


FIG. 12B

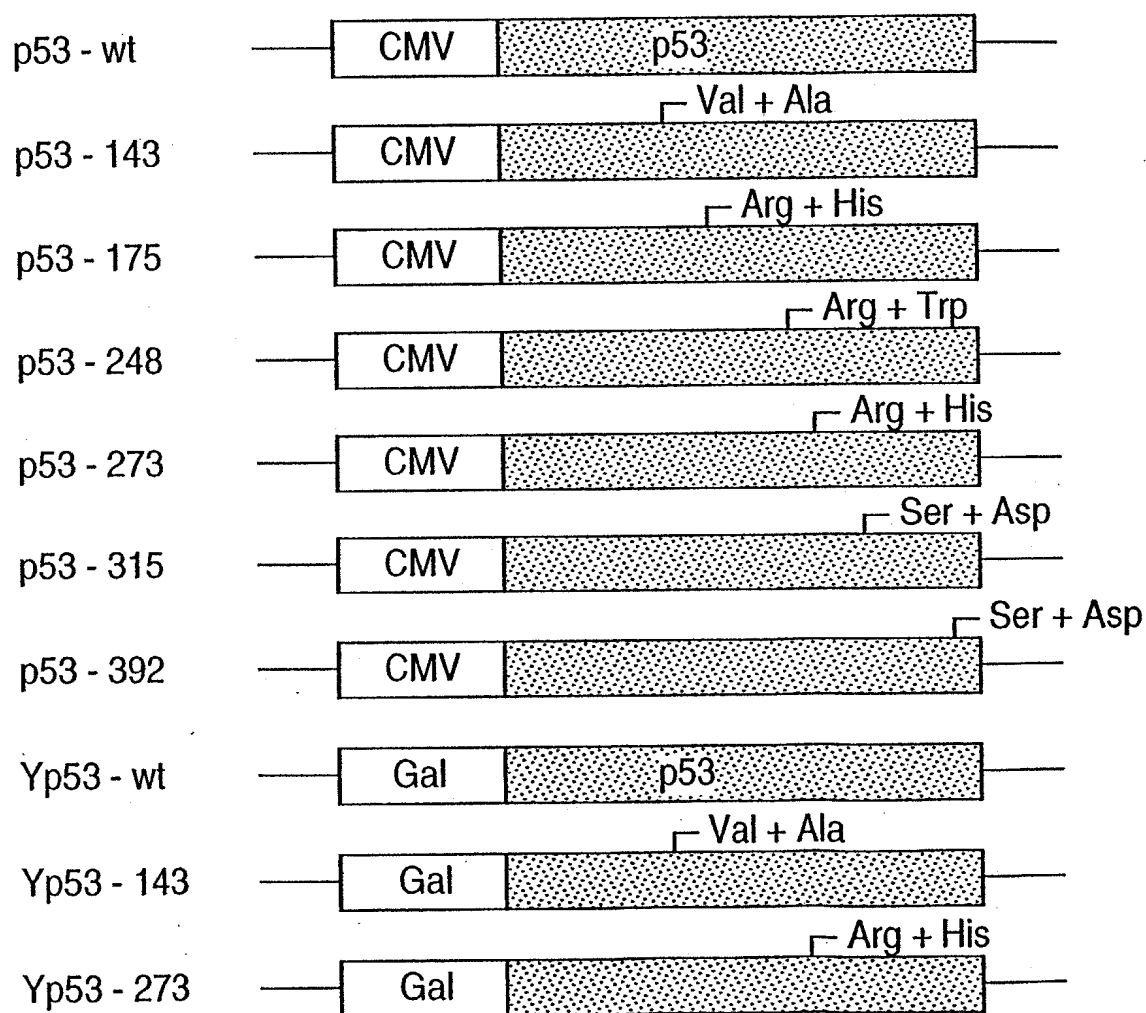


FIG. 13A

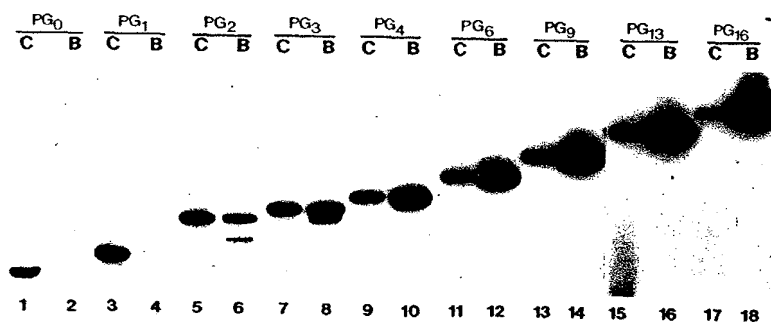


FIG. 13B

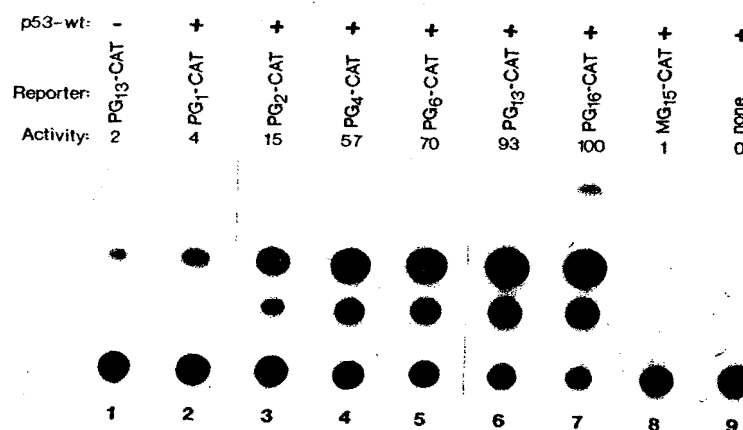


FIG. 14

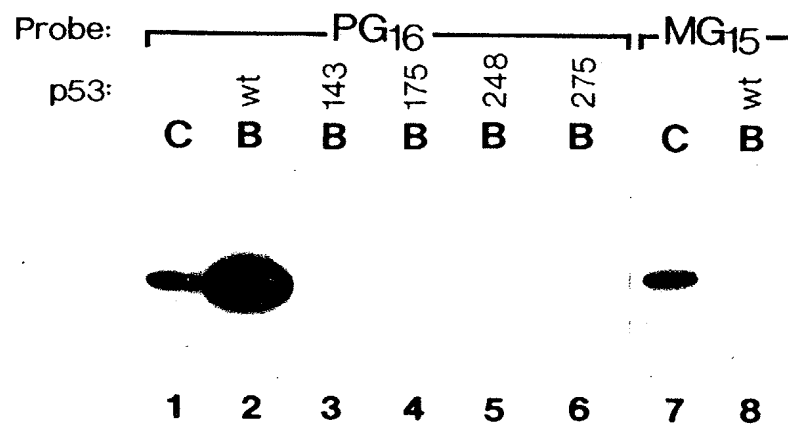


FIG. 15A

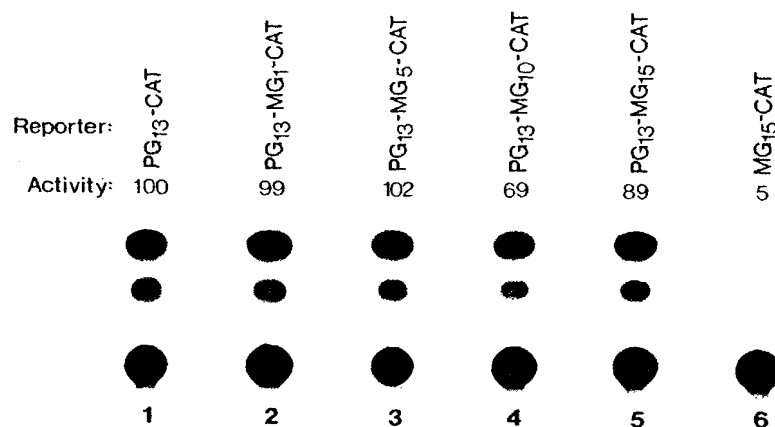


FIG. 15B

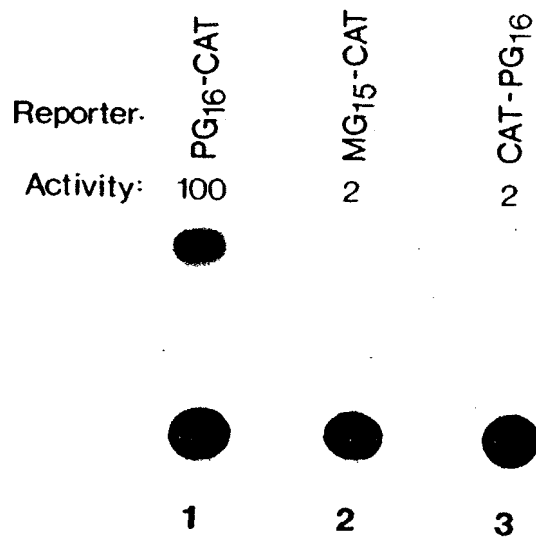


FIG. 16A

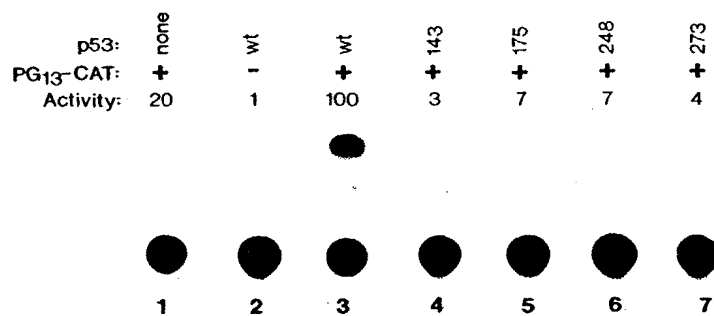


FIG. 16B

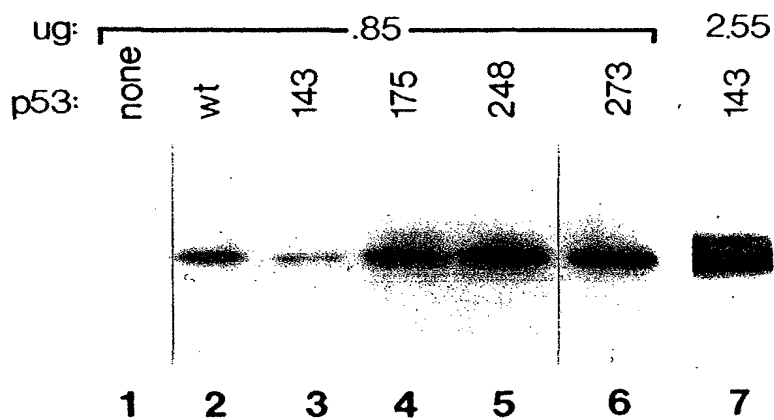


FIG. 17

p53-wt (ug):	0	85	.85	.85	.85
p53-175 (ug):	0	0	0	.85	2.55
PG ₁₃ -CAT:	+	-	+	+	+
Activity:	12	0	100	44	11

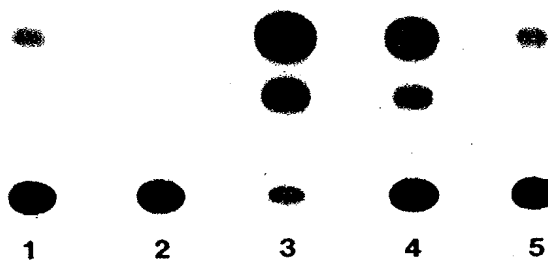


FIG. 18

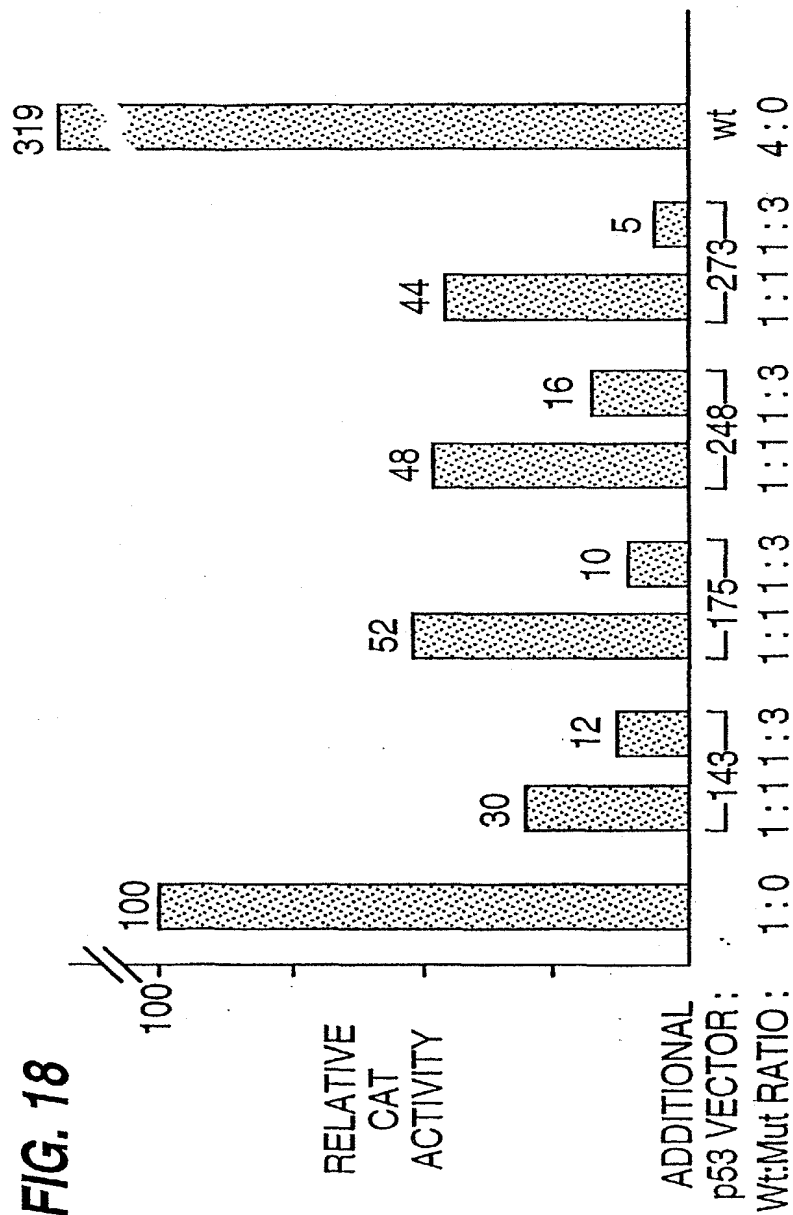


FIG. 19

